AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

Claims 1-5 (Cancelled)

6. (Currently Amended) The apparatus according to Claim 5 An apparatus for cutting and stacking rolls of sod comprising:

a wheeled chassis for traversing a sod field;

a horizontal cutting mechanism for cutting a plurality of sod strips;

an accumulator configured to hold the plurality of sod strips, wherein the accumulator comprises a retractable portion which allows an operator to return a rejected sod roll to the sod field;

a sod roller configured to roll the sod strips prior to transferring the sod to the accumulator;

a conveyor configured to transfer sod from the cutting mechanism to the accumulator; and

a robotic arm configured to lift the plurality of sod strips from the accumulator to a sod storage location, wherein the robotic arm comprises a horizontal pick-up head having a plurality of gripper modules, each gripper module configured to engage a separate individual sod roll; and wherein each gripper module comprises a

pair of engageable fingers, the engageable fingers being configured to be rotatably positioned to engage a roll of sod positioned in the accumulator.

- 7. (Original) The apparatus according to Claim 6 wherein the fingers are coupled to a gripper actuator, the gripper actuator having an extended position whereby the fingers are rotated into a position below a concave stripper.
- 8. (Original) The apparatus according to Claim 6 wherein the fingers are coupled so as to cause the fingers to engage the separate sod rolls simultaneously.
- 9. (Original) The apparatus according to Claim 6 wherein the horizontal pick-up head has a separator mechanism configured to cause movement of at least one gripper module with respect to another gripper module.
- 10. (Original) The apparatus according to Claim 6 further comprising a controller configured to regulate the movement of the robotic arm.
- 11. (Original) The apparatus according to Claim 10 wherein the robotic arm is hydraulically driven and the controller is configured to control at least one hydraulic valve.
- 12. (Original) The apparatus according to Claim 10 wherein the controller is electronically coupled and configured to control the gripper modules.

- 13. (Original) The apparatus according to Claim 10 wherein the controller is coupled to a plurality of actuators which are configured to keep the horizontal pick-up head horizontal.
- 14. (Original) The apparatus according to Claim 10 further comprising a pair of forks configured to support a pallet in the sod storage location, said controller configured to control the movement of the forks from the first pallet location to a second pallet location.

Claims 15-23 (Cancelled)

24. (Original) A robotic arm for transporting a plurality of sod rolls comprising:

a base;

a first member rotatably coupled to the base at the first member proximal end;

a second member rotatably coupled to the base at a second member proximal end;

a first linkage member rotatably coupled to a first distal end of the first member and rotatably coupled to a second distal end of the second member;

a third member rotatably coupled to the first linkage at a third member proximal end;

a fourth member rotatably coupled to the first linkage at a fourth member proximal end;

a second linkage rotatably coupled to the third member at the third member distal end, the linkage being rotatably coupled to the fourth member at the fourth member distal end; and

a horizontal head member having a plurality of grippers, each gripper having at least one pair of retractable fingers.

25. (Original) The robotic arm according to Claim 24, further comprising a first actuator disposed between the base and the first member, and a second actuator disposed between the first member and the third member.

- 26. (Original) The robotic arm according to Claim 24 wherein each gripper comprises a gripper actuator coupled to the pair of fingers.
- 27. (Original) The robotic arm according to Claim 24 wherein each gripper further has a concave stripper disposed between the fingers.
- 28. (Original) The robotic arm according to Claim 24 wherein all the fingers are configured so as to actuate simultaneously.
- 29. (Original) The robotic arm according to Claim 24 wherein the horizontal head member comprises a support frame rotatably coupled to the second linkage and an actuator coupled between the frame and the second linkage which is configured to maintain a predetermined angle between the frame and the vehicle.